

PATENT APPLICATION**A METHOD FOR IMPROVING THE HALF-LIFE OF SOLUBLE VIRAL-SPECIFIC LIGANDS ON MUCOSAL MEMBRANES**

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ABSTRACT OF THE DISCLOSURE

10 This invention relates to methods of increasing the half-life of a viral-specific ligand on a mucosal membrane by modifying the viral-specific ligand to bind the bacteria colonized on the mucosal membrane. The invention also provides a chimeric molecule comprising a viral-specific ligand and a bacterial-specific ligand.

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